

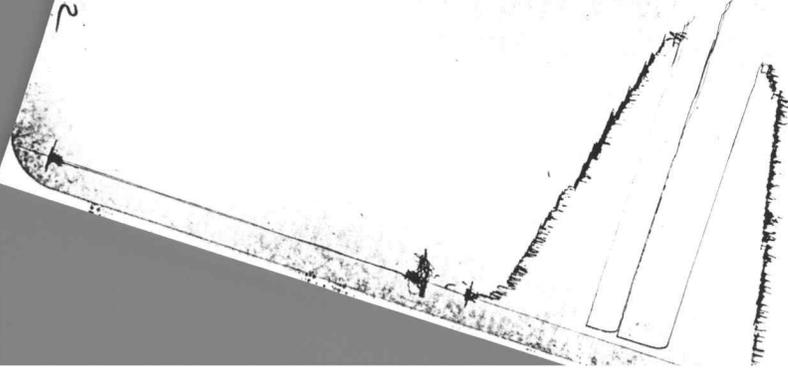
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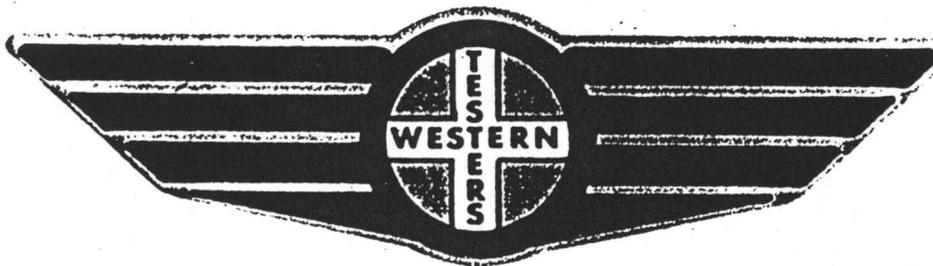
12522

JK # 12522

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# FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY BEAR PETROLEUM

LEASE & WELL NO.

FISHER "A" #1

SEC. 12

TWP. 26S

RGE. 2E

TEST NO. 1

DATE

6/27/88

WESTERN TESTING CO. INC.  
SUBSURFACE PRESSURE SURVEY

DATE : 6-27-88 TICKET : 12522  
CUSTOMER : BEAR PETROLEUM LEASE : FISHER A  
WELL : #1 TEST: 1 GEOLOGIST : J PHILLPIS  
ELEVATION : 1363 KB FORMATION : HUNTON  
SECTION : 12 TOWNSHIP : 26S  
RANGE : 2E COUNTY : SEDGWICK STATE : KANSAS  
GAUGE SN# : 10979 RANGE : 4100 CLOCK : 12

INTERVAL FROM : 3129 TO : 3167 TOTAL DEPTH : 3167  
DEPTH OF SELECTIVE ZONE :  
PACKER DEPTH : 3124 SIZE : 6.63  
PACKER DEPTH : 3129 SIZE : 6.63  
PACKER DEPTH : SIZE :  
PACKER DEPTH : SIZE :

DRILLING CON. : DUKE RIG 3  
MUD TYPE : CHEMICAL VISCOSITY : 41  
WEIGHT : 10.1 WATER LOSS (CC) : 14  
CHLORIDES (PPM) : 2800  
JARS-MAKE : - SERIAL NUMBER : -  
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 120 FT I.D. inch : 2.25  
WEIGHT PIPE LENGTH : 300 FT I.D. inch : 2.70  
DRILL PIPE LENGTH : 2689 FT I.D. inch : 3.80  
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50  
ANCHOR LENGTH : 38 FT ANCHOR SIZE : 5.50  
SURFACE CHOKE SIZE : .75 IN BOTTOM CHOKE SIZE : .75  
MAIN HOLE SIZE : 7.875 IN TOOL JOINT SIZE : 4.5 XH

BLOW COMMENT #1 : WEAK BLOW FOR 3 MINUTES  
BLOW COMMENT #2 : FLUSHED TOOL ON FINAL FLOW  
BLOW COMMENT #3 :  
BLOW COMMENT #4 :

RECOVERED : 10 FT OF: DRILLING MUD

CHLORIDES: 3000 PPM

Total Barrels Fluid = 0.05  
Total Fluid Prod Rate = 2.36 BFPD  
Indicated Wtr Rate = 0.24 BWPD

REMARK 1 :  
REMARK 2 :  
REMARK 3 :  
REMARK 4 :

SET PACKER(S) : 9:15 PM

TIME STARTED OFF BOTTOM : 10:15 PM

WELL TEMPERATURE : 113

INITIAL HYDROSTATIC PRESSURE

(A) 1670

INITIAL FLOW PERIOD MIN: 15

(B) 35 PSI TO (C) : 35

INITIAL CLOSED IN PERIOD MIN: 15

(D) 35

FINAL FLOW PERIOD MIN: 15

(E) 35 PSI TO (F) : 40

FINAL CLOSED IN PERIOD MIN: 15

(G) 36

FINAL HYDROSTATIC PRESSURE

(H) 1662

WESTERN TESTING CO. INC.  
WICHITA-KANSAS

Pressure Transient Report  
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COMPANY : BEAR PETROLEUM  
RIG : SEDGWICK-KANSAS  
FIELD : FISHER A  
WELL : #1  
DATE : 6-27-88  
GAUGE NO : 10979

OPERATIONAL COMMENTS

COMPANY : BEAR PETROLEUM  
WELL : #1  
GAUGE # : 10979  
DATE : 27/ 6/88

FIELD : FISHER A  
JOB # : 12522  
DEPTH : 3167  
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	9:15: 0	0.000	35.000	113.00	0.000
2	9:19:59	0.083	35.000	113.00	0.000
3	9:25: 0	0.167	35.000	113.00	0.000
4	9:30: 0	0.250	35.000	113.00	0.000
5	9:33: 0	0.300	35.000	113.00	0.000
6	9:36: 0	0.350	35.000	113.00	0.000
7	9:39: 0	0.400	35.000	113.00	0.000
8	9:42: 0	0.450	35.000	113.00	0.000
9	9:45: 0	0.500	35.000	113.00	0.000
10	9:46: 0	0.517	35.000	113.00	0.000
11	9:49:59	0.583	35.000	113.00	0.000
12	9:55: 0	0.667	47.000	113.00	12.000
13	10: 0: 0	0.750	40.000	113.00	-7.000
14	10: 3: 0	0.800	38.000	113.00	-2.000
15	10: 6: 0	0.850	36.000	113.00	-2.000
16	10: 9: 0	0.900	36.000	113.00	0.000
17	10:12: 0	0.950	36.000	113.00	0.000
18	10:15: 0	1.000	36.000	113.00	0.000

WESTERN TESTING CO. INC.

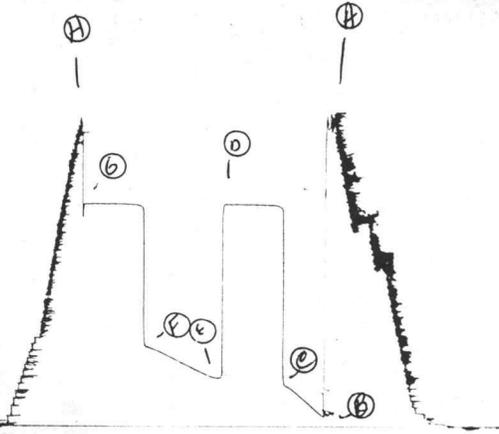
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JK # 12523

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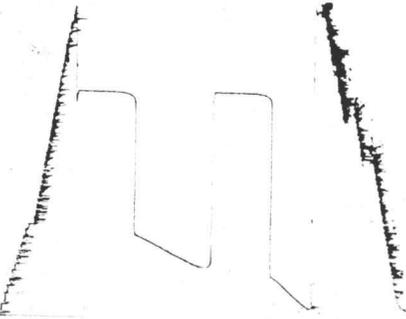
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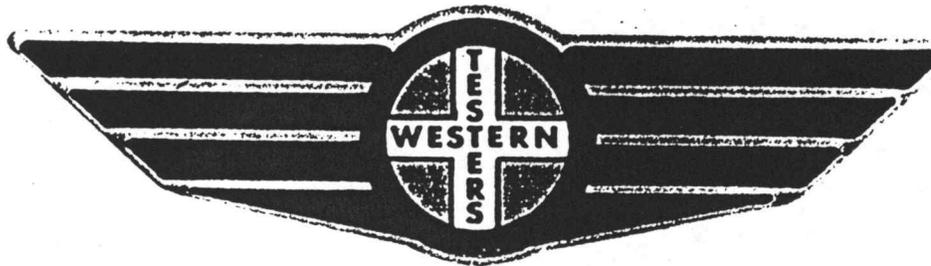


12523

OST#2

13265

# FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY BEAR PETROLEUM  
LEASE & WELL NO.  
FISHER "A" #1  
SEC. 12 TWP. 26S RGE. 2E  
TEST NO. 2  
DATE 6/28/88

WESTERN TESTING CO. INC.  
SUBSURFACE PRESSURE SURVEY

DATE : 6-28-88 TICKET : 12523  
CUSTOMER : BEAR PETROLEUM LEASE : FISHER "A"  
WELL : #1 TEST: 2 GEOLOGIST : J PHILLIPS  
ELEVATION : 1363 KB FORMATION : HUNTON  
SECTION : 12 TOWNSHIP : 26S  
RANGE : 2E COUNTY : SEDGWICK STATE : KANSAS  
GAUGE SN# : 3129 RANGE : 3174 CLOCK : 3174

INTERVAL FROM : 3129 TO : 3174 TOTAL DEPTH : 3174  
DEPTH OF SELECTIVE ZONE :  
PACKER DEPTH : 3124 SIZE : 6.63  
PACKER DEPTH : 3129 SIZE : 6.63  
PACKER DEPTH : SIZE :  
PACKER DEPTH : SIZE :

DRILLING CON. : DUKE RIG 3  
MUD TYPE : CHEMCIAL VISCOSITY : 41  
WEIGHT : 10.1 WATER LOSS (CC) : 14  
CHLORIDES (PPM) : 2800  
JARS-MAKE : - SERIAL NUMBER : -  
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 120 FT I.D. inch : 2.25  
WEIGHT PIPE LENGTH : 300 FT I.D. inch : 0.00  
DRILL PIPE LENGTH : 2689 FT I.D. inch : 3.80  
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50  
ANCHOR LENGTH : 45 FT ANCHOR SIZE : 5.50  
SURFACE CHOKE SIZE : .75 IN BOTTOM CHOKE SIZE : .75  
MAIN HOLE SIZE : 7.875 IN TOOL JOINT SIZE : 4.5 XH

BLOW COMMENT #1 : FAIR BLOW THROUGHOUT TEST.  
BLOW COMMENT #2 :  
BLOW COMMENT #3 :  
BLOW COMMENT #4 :

RECOVERED : 875 FT OF: SLIGHTLY MUDDY SULPHUR CUT SALT WTR  
(.48 RES. @ 82 DEG.F.)

Total Barrels Fluid = 1.05  
Total Fluid Prod Rate = 16.74 BFPD  
Indicated Wtr Rate = 12.57 BWPD

REMARK 1 :  
REMARK 2 : CHLORIDES: 11000 PPM  
REMARK 3 :  
REMARK 4 :

SET PACKER(S) : 7:00 AM  
WELL TEMPERATURE : 114  
INITIAL HYDROSTATIC PRESSURE (A) 1684  
INITIAL FLOW PERIOD MIN: 30 (B) 58 PSI TO (C) : 233  
INITIAL CLOSED IN PERIOD MIN: 45 (D) 1212  
FINAL FLOW PERIOD MIN: 60 (E) 270 PSI TO (F) : 447  
FINAL CLOSED IN PERIOD MIN: 48 (G) 1213  
FINAL HYDROSTATIC PRESSURE (H) 1654

WESTERN TESTING CO. INC.  
WICHITA-KANSAS

Pressure Transient Report  
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COMPANY : BEAR PETROLEUM  
RIG : SEDGWICK-KANSAS  
FIELD : FISHER A  
WELL : #1  
DATE : 06/28/88  
GAUGE NO : 10979

OPERATIONAL COMMENTS

CHLORIDES: 11000 PPM

COMPANY : BEAR-PETROLEUM  
 WELL : #1  
 GAUGE # : 10979  
 DATE : 28/ 6/88

FIELD : FISHER A  
 JOB # : 12523  
 DEPTH : 3174  
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	7: 0: 0	0.000	58.000	114.00	0.000
2	7: 4:59	0.083	84.000	114.00	26.000
3	7:10: 0	0.167	117.000	114.00	33.000
4	7:15: 0	0.250	150.000	114.00	33.000
5	7:19:59	0.333	182.000	114.00	32.000
6	7:25: 0	0.417	212.000	114.00	30.000
7	7:30: 0	0.500	233.000	114.00	21.000
8	7:33: 0	0.550	1195.000	114.00	962.000
9	7:36: 0	0.600	1206.000	114.00	11.000
10	7:39: 0	0.650	1210.000	114.00	4.000
11	7:42: 0	0.700	1210.000	114.00	0.000
12	7:45: 0	0.750	1211.000	114.00	1.000
13	7:48: 0	0.800	1211.000	114.00	0.000
14	7:51: 0	0.850	1212.000	114.00	1.000
15	7:54: 0	0.900	1212.000	114.00	0.000
16	7:57: 0	0.950	1212.000	114.00	0.000
17	8: 0: 0	1.000	1212.000	114.00	0.000
18	8: 2:59	1.050	1212.000	114.00	0.000
19	8: 6: 0	1.100	1212.000	114.00	0.000
20	8: 9: 0	1.150	1212.000	114.00	0.000
21	8:12: 0	1.200	1212.000	114.00	0.000
22	8:15: 0	1.250	1212.000	114.00	0.000
23	8:16: 0	1.267	270.000	114.00	-942.000
24	8:19:59	1.333	270.000	114.00	0.000
25	8:25: 0	1.417	281.000	114.00	11.000
26	8:30: 0	1.500	298.000	114.00	17.000
27	8:34:59	1.583	319.000	114.00	21.000
28	8:40: 0	1.667	336.000	114.00	17.000
29	8:45: 0	1.750	355.000	114.00	19.000
30	8:49:59	1.833	373.000	114.00	18.000
31	8:55: 0	1.917	391.000	114.00	18.000
32	9: 0: 0	2.000	411.000	114.00	20.000
33	9: 4:59	2.083	426.000	114.00	15.000
34	9:10: 0	2.167	441.000	114.00	15.000
35	9:15: 0	2.250	447.000	114.00	6.000
36	9:18: 0	2.300	1193.000	114.00	746.000
37	9:21: 0	2.350	1206.000	114.00	13.000
38	9:24: 0	2.400	1209.000	114.00	3.000
39	9:27: 0	2.450	1211.000	114.00	2.000
40	9:30: 0	2.500	1212.000	114.00	1.000
41	9:33: 0	2.550	1213.000	114.00	1.000
42	9:36: 0	2.600	1213.000	114.00	0.000
43	9:39: 0	2.650	1213.000	114.00	0.000
44	9:42: 0	2.700	1213.000	114.00	0.000
45	9:45: 0	2.750	1213.000	114.00	0.000
46	9:48: 0	2.800	1213.000	114.00	0.000
47	9:51: 0	2.850	1213.000	114.00	0.000
48	9:54: 0	2.900	1213.000	114.00	0.000
49	9:57: 0	2.950	1213.000	114.00	0.000
50	10: 0: 0	3.000	1213.000	114.00	0.000
51	10: 3: 0	3.050	1213.000	114.00	0.000